### **Beef**

World beef production is expected to increase about 1.5 percent per year through 2005. China is expected to have the fastest rate of growth in beef demand, encouraging expansion by domestic producers. Increased demand in the Former Soviet Union and Brazil is also expected to help stimulate production. Although U.S. production is expected to remain below 1996 levels through 2005, production in the United States is expected to increase in the latter part of the projection period. However, declining production in the EU as beef consumption falls and stocks remain high will dampen the global rate of expansion.

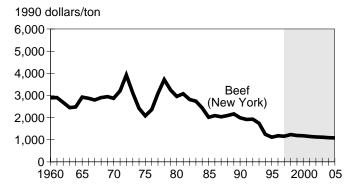
Global per capita consumption of beef is projected to increase through 2005 as meat demand in countries with transition or rapidly industrializing economies will increase with income growth. Gains in per capita consumption are expected in most Asian countries. China, South Korea, and Japan will experience consumption gains in excess of population growth, but consumption in other countries in the region will be about equal to population growth. Some growth is expected in Latin America, but gains in per capita consumption in Mexico and Brazil will be offset by declines in Argentina's per capita beef consumption.

Per capita demand in the United States will decline as beef production rises less rapidly than population growth and relative prices favor consumption of other meats. As a result of continuing concerns over BSE, it is expected that demand for beef in the European Union will decline through the forecast period.

Although per capita beef consumption is expected to increase in a number of CEE countries, those countries which have delayed liberalizing their economies face a longer period of decline before income growth stimulates

Figure 31

Beef: Historical and projected real prices



beef demand. Russia is also expected to see gradual increases in demand for beef, but because of the availability of relatively cheaper pork and poultry, demand for those meats is expected to increase more rapidly.

Traded beef, although growing in importance, remains a relatively small portion of global consumption. However, for a number of countries, especially those with increasing incomes and limited resources, imports' share of consumption has become extremely important. Increasing import demand in the Pacific Rim and Russia, for example, where production has been adjusting to market forces, will mean growth opportunities for exporters. The major exporters will continue to increase production for export, while domestic production in the major importing countries is projected to stagnate, mainly because of the relatively lower cost of imported beef.

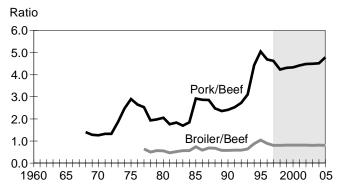
Growth in beef exports is projected to slow as subsidized exports by the EU will fall in keeping with their commitments under the WTO. The EU, however, is the only major exporter that is expected to show a decline in exports. The United States, Australia, and Argentina are projected to continue to increase export volume through 2005. U.S. exports are expected to grow most rapidly because the countries that are projected to have the greatest import growth are markets (Japan, South Korea, and Mexico, for instance) which tend to demand grain-fed beef.

## **Highlights for Major Importers**

Most of the growth in beef and veal imports will come from the Pacific Rim countries where increasing incomes and lower trade barriers will raise consumption beyond that which can be satisfied by their production base. Increases in imports are also expected in Mexico and Russia, where income growth later in the period is

Figure 32

Beef: Historical and projected price ratios



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Table 32—Beef trade projections

	1992	1993	1994	1995	1996	1997	1993-97 avg.	1999	2000	2001	2002	2003	2004	2005
	1,000 tons													
Exporters														
United States	601	578	731	826	894	1,010	808	1,054	1,106	1,148	1,190	1,237	1,280	1,339
Argentina	296	280	376	513	450	480	420	475	473	482	490	506	516	527
Australia	1,191	1,169	1,168	1,092	1,097	1,155	1,136	1,220	1,256	1,276	1,284	1,287	1,302	1,316
Brazil	434	392	358	269	315	360	339	347	363	370	376	382	393	403
Canada	159	191	220	219	260	310	240	308	317	322	327	330	333	336
Central/East Europe <sup>1</sup>	149	153	99	112	122	118	121	152	155	155	166	181	199	219
Hungary	40	40	40	40	40	37	39	51	50	46	43	42	40	39
Poland	20	16	14	17	18	19	17	32	33	32	36	39	45	52
European Union-15 <sup>2</sup>	1,235	1,121	1,096	923	578	677	879	877	817	817	817	817	817	817
Former Soviet Union <sup>3</sup>	722	565	452	222	207	192	328	318	329	259	391	413	436	463
Russia	4	2	4	3	2	2	3	0	0	0	0	0	0	0
Ukraine	286	253	179	176	170	160	188	167	180	195	209	222	234	247
New Zealand	426	448	466	504	505	490	483	499	494	490	490	490	490	489
Total	5,213	4,897	4,966	4,680	4,428	4,792	4,753	5,250	5,310	5,319	5,531	5,643	5,766	5,909
Importers														
United States	1,107	1,089	1,075	954	950	930	1,000	1,131	1,154	1,177	1,196	1,214	1,235	1,255
Canada	221	270	286	256	235	200	249	177	174	170	167	163	160	157
European Union-15 <sup>2</sup>	472	426	426	374	375	364	393	350	350	350	350	350	350	350
Former Soviet Union <sup>3</sup>	734	409	542	614	612	627	561	585	597	553	720	752	763	770
Russia	494	407	541	612	610	625	559	495	507	553	610	642	653	660
Japan	591	731	842	927	957	985	888	1,075	1,093	1,118	1,141	1,166	1,188	1,211
Mexico	130	96	90	42	75	110	83	185	215	220	228	237	244	267
South Korea	183	132	165	194	218	240	190	333	362	394	423	454	483	512
Total	3,438	3,153	3,426	3,361	3,422	3,456	3,364	3,836	3,945	3,982	4,225	4,336	4,423	4,522

<sup>&</sup>lt;sup>1</sup>Includes the Czech Republic, Slovakia, Hungary, Poland, and Other Central and Eastern Europe (Albania, Bulgaria, Romania and the former Yugoslavia). <sup>2</sup>Excludes EU-15 intratrade. <sup>3</sup>Includes Russia, Ukraine and the other republics of the Former Soviet Union; includes FSU intratrade.

#### **Overview of World Beef Market**

About 10 percent of world beef production enters the export market. Trade patterns are affected by price and quality differences, health and sanitary restrictions, tariffs, quotas, and subsidies. The leading exporters are Australia, EU, United States, New Zealand, Brazil, Argentina, and Canada. Together, they accounted for about 85 percent of total exports in 1995.

The seven leading importers are the United States, Japan, EU, FSU, Canada, South Korea, and Mexico. In 1995, these countries imported about 66 percent of the beef traded. Their share of the world market is projected to increase by 2005 as declining EU exports of subsidized beef will induce North African and Middle Eastern countries to import less beef and more of other meats, particularly poultry.

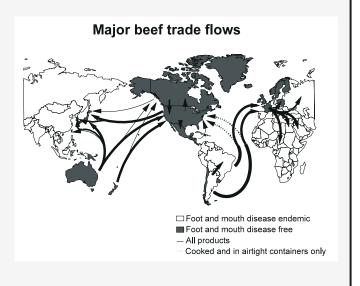
Foot-and-mouth disease. The world beef market has traditionally been separated into two distinct segments based on the presence of foot-and-mouth disease (FMD). FMD countries must heat-treat and package their beef in airtight containers before they can export to FMD-free areas. This limits potential for export growth by FMD-endemic countries, such as Brazil, Argentina, China, and some areas in Eastern Europe. Programs for FMD eradication continue in several countries. Uruguay recently was approved to ship fresh/frozen beef to the United States, and Argentina is nearing approval.

Quality. Traditionally, beef trade has been split into higher priced grain-fed beef and lower priced grass-fed beef markets. Because of differences in the types of beef traded, some countries are both importers and exporters of beef. For example, the United States is the world's largest beef producer, the largest importer, and the third largest exporter. The United States produces and exports mostly grain-fed beef and imports lower priced grass-fed beef. U.S. beef was, at one time, exported mainly to hotels for the tourist and business trade. But, with rising incomes, changing tastes and lifestyles, and reduced trade barriers in Japan and South Korea, demand for grain-fed beef has increased,

and so have U.S. exports. However, in times of surplus production, low-priced trimmings from U.S. grain-fed beef have competed favorably with grass-fed product.

Most grain-fed beef exports come from the United States, Canada, and Australia. Feed grain production problems in Australia may limit its capacity to be a reliable and growing source of high-quality fed beef. However, Argentina could become a larger supplier of grain-fed beef as the price spread between grain-fed and grass-fed beef increases. Australia and New Zealand produce mainly grass-fed beef for export, exporting 64 and 81 percent of their production, respectively, in 1994.

**Technology.** Beef is a highly perishable commodity and relatively recent technological breakthroughs in transportation, storage, and distribution have increased the possibilities for trade. Extending shelf life has increased trade in chilled beef. Nonetheless, beef trade is limited primarily to those countries with a fairly well-developed urban infrastructure.



expected to increase demand for beef more rapidly than the production sector can respond. The proximity of these markets to sources of low-priced imported product (the United States, CEE, and FSU) is expected to stimulate increased trade through the period. However, as domestic production catches up with demand later in the period, import growth is expected to slow.

**United States.** U.S. beef imports are expected to increase by about 3 percent per year. Increased production in Australia and Canada will provide ample supplies of processing-grade beef at the same time that U.S. supplies of cow beef will be low as producers rebuild their herds. Imports from New Zealand will likely decline slightly as

production in that country falls. Imports from Australia and New Zealand both will remain below the TRQ levels established under the WTO. Trade with Canada and Mexico is governed by the NAFTA, which does not limit the movement of beef between the countries.

**Japan.** Japan's imports are expected to increase substantially, with little change in production. Japan is committed to reducing its beef tariffs in accordance with the UR agreement, with imports projected to increase from 60 to almost 70 percent of consumption. Domestic demand for beef is expected to increase about 2 percent per capita per year, with consumption reaching about 14 kilograms per capita by 2005. Despite a general decline in Japan's

meat production, government support for calf producers will result in only modest declines in beef production. Australia and the United States are projected to remain the major suppliers with the United States gaining increased market share.

Former Soviet Union. In the FSU, economic restructuring of the livestock sector has led to a sharp decline in beef production. In response to loss of production subsidies and declines in consumer incomes, beef production has fallen 65 percent since the late 1980's. As government support for consumption was eliminated, per capita consumption declined to levels more in keeping with countries at a similar economic level. It is expected that beef production will bottom in 1998 and increase during the remainder of the forecast period. In the medium term, imports will decline, but, as incomes increase later in the end of the period, imports are expected to rise.

Russia's policy toward imported products in general and meat in particular cause some uncertainty in formulating a long-term forecast. Currently, it is expected that some increase in tariffs will occur but that there will not be any drastic changes in meat import policies.

European Union. Large stocks of beef in the EU and consumer concerns over beef consumption in general in light of the Bovine Spongiform Encephalopathy (BSE) outbreaks in the EU will place significant pressure on beef imports. Given internal supplies of product, it is highly unlikely that EU governments will favor expanding imports beyond their WTO commitments. It is possible that if there is sufficient consumer resistance to beef consumption in member states, beef imports could fall below the stated commitment levels.

**Canada.** Canada's cattle inventory has reached the highest levels since the 1970's and beef production is expected to rise over the next several years. Concurrently, per capita consumption is expected to remain fairly constant, and imports will decline. The United States is the dominant supplier to the Canadian market.

**South Korea.** Driven by steady income growth, South Korea's per capita consumption is projected to increase to 16 kilograms by 2005, up 60 percent from 1996. Although continuation of some government support for livestock producers (mainly through price supports and low-cost loans) is expected to continue, Korean cattle production is forecast to expand at a rate somewhat less than the

# Impact of the BSE Crisis on the EU Projections

The recent crisis in the EU over bovine spongiform encephalopathy (BSE, or "mad cow" disease) is projected to have a lingering impact on the EU beef sector, with rippling effects throughout European agricultural markets. Beef consumption in the EU dropped 12 percent in 1996 and will continue to decline in the long term. Consumption has been steadily declining since the late 1980's, and BSE will accelerate this trend. The projections assume that BSE's dampening effect will last 6 years and that beef consumption will return to trend around 2002.

A major problem faced by the EU is that production cannot be adjusted quickly enough to address the market imbalance, resulting in a substantial stock buildup over the next few years. The UK's 6-year cattle eradication program will account for about a 3-percent annual production decline. But this alone will not be enough to bring production in line with consumption. Early on the projection period, production will exceed consumption by as much as 1 million tons, and WTO limits on subsidized exports and the ban on British beef exports will inhibit the EU's ability to unload this surplus on world markets. This imbalance results in large intervention stocks in the near term, until beef production more closely reflects the shrunken demand.

The projections are based on the assumption that the EU will soon adopt additional policies to reduce beef production. The EU Commission is considering incentive programs to promote early culling and lower slaughter weights and has identified the beef sector as the top priority for policy reform. Another factor that will discourage beef production is the ever-declining price of beef during the projection period. Despite lower beef prices relative to pork and poultry, the projection is based on the assumption that consumers will continue to harbor health concerns until BSE is eradicated and the European beef supply is again deemed safe. Even in such a scenario, it is unclear whether beef consumption would fully recover to pre-BSE levels.

Declining beef consumption throughout the EU will be offset by gains in pork and especially poultry consumption, which is forecast to rise 15 percent over the next decade. It is assumed that some consumers will reduce or eliminate meat consumption altogether, rather than substitute other meats. Therefore, where previous baselines plotted a gradual increase in total meat consumption, this year's results project virtually no change in overall meat consumption during the projection period.

The increased demand for pork and poultry will stimulate domestic production of these grain-intensive meats, driving up demand for feed grains. Demand for barley and other coarse grains, in particular, will increase with expanded feed use. Conversely, demand for corn gluten feed, a major feed input for beef cattle, will be dampened, mirroring the decline in beef consumption.

increase in consumption. Korea is expected to end its quota in 2001 and replace its markup with tariffs that are subject to reduction. Imports are expected to continue climbing 13 percent per year. Better quality grain-fed beef, will continue to dominate imports.

**Mexico.** Mexico's beef imports and production will continue to be affected by the current economic crisis and the lingering effects of a drought that extended into 1996. As the economy improves over the coming decade, demand for beef is expected to return to pre-crisis levels and reach almost 24 kilograms by 2005. In the short term, the need to rebuild herds will limit production growth and result in rapid growth in imports; as production expands beyond 2000, however, the rate of growth in imports is expected to decline.

**Taiwan.** Taiwan is expected to become a significant importer of beef by 2005. Domestic meat consumption, although still favoring pork, is expected to increase in response to continued income growth. With little restriction on beef imports, growth in demand will likely translate into import growth of almost 7 percent per year.

# **Highlights for Major Exporters**

Australia and the United States will likely vie for the role of leading exporter of beef and veal by the end of the forecast period. Concurrently, cutbacks in subsidized EU exports and a reduction in beef production in New Zealand will limit the expansion of these countries in the growing world beef market. With increased production and the potential to expand into the growing Pacific Rim markets, Argentina is poised to expand exports and become the fourth largest exporter of beef.

Australia. Australia has moved into first place in beef exports over the EU, but will come under increasing pressure from the United States for that role. With the return of better weather after several years of drought, herds are being rebuilt. Feed grain sufficiency will remain a problem in Australia, however, and as long as it exists will limit Australian expansion into the higher end of the fed beef market against the United States and Canada.

**European Union.** The level of EU beef stocks is expected to remain a serious burden on the EU throughout the forecast period. The crisis in consumer confidence as a result of the BSE scare is expected lead to a more rapid decline in domestic consumption at the same time that beef exports are projected to fall, primarily due to UR

commitments. It is unlikely that these large stocks can be marketed without subsidy unless the domestic market price falls to world price levels. As a result, it will difficult for the EU to market its stocks. If the EU is to bring its stocks down to a manageable level, beef production will have to decline. Nonetheless, it is expected that unless the EU significantly reforms its beef production regime, it will be carrying large stocks for the foreseeable future.

The pace of CAP reforms in the EU is a significant uncertainty in the forecasts. The extent of any declines in CAP support to reduce production will have a major impact on feed use, prices, and trade. Failure to reduce production or market stocks could lead to a significant financial burden for member countries.

*United States.* U.S. exports are expected to increase, with the main growth markets being Japan, South Korea, and Mexico. Expansion of meat production over the next several years is expected to reduce prices and U.S. beef should become more competitive. Exports will rise from 6 to 12 percent of U.S. production.

**New Zealand.** New Zealand's beef production is expected to decline marginally as low beef prices and weakening dairy prices encourage producers to look for more profitable alternatives. Although total U.S. beef imports are expected to increase, the U.S. share of New Zealand's exports is expected to decline as New Zealand continues encouraging sales in other buyers to reduce its dependence on the U.S. market.

**Brazil.** In Brazil, beef production will expand to meet growing domestic demand. Per capita consumption is expected to increase about 1 percent per year and increases in beef production are expected to keep pace with the growth in consumption. Due to tariff reductions under MERCOSUR, Argentina will likely be the major supplier to Brazil.

**Argentina.** Argentina's beef production is expected to grow slowly as declines in cattle pasture will be offset by more intensive management of the remaining areas. Animal weights are expected to increase, and, coupled with a steady decline in per capita consumption, more beef should be available for export.

Progress is being made in eradicating foot-and-mouth disease (FMD) and, at the least, an approval of regionalized FMD-free status is likely. Should this occur,

Argentina could be limited in its sales to the United States by the U.S. tariff rate quota, but could expand sales to other countries, particularly in the Pacific Rim. Argentina could potentially compete with U.S. beef in these markets by shifting toward production of fed-beef. However, much of its production and exports are expected to remain in low-cost, grass-fed conditions, under which it has a competitive advantage.

The timing of Argentina's achievement of FMD-free status is a source of uncertainty in the world beef trade outlook. Also uncertain is the nature and pace of the sector's adjustment to FMD-free status. FMD-free status is not likely to slow beef exports to Brazil or Chile. However, a shift toward becoming a reliable supplier of fed beef could result in reduced supplies of grass-fed beef.

**Canada.** Canadian exports are projected to remain strong throughout the period. The United States will remain Canada's major beef export market, but fed-beef exports into other countries should increase fairly rapidly.

Elimination of the Western Canada Grain Transportation Act could encourage increased feeding of livestock in western Canada. Coupled with modern plants in Canada, fed-beef could be exported to the United States and markets in the Pacific Rim.

Central and East Europe. Some growth in Central and East European beef exports and production is projected. With improved feeding practices, slaughter weights and output will increase. Per capita beef consumption has declined from the 1990 peak due to a drop in incomes, changes in relative prices, and the end of subsidies. But as income growth returns, per capita consumption is expected to rise.

As in the FSU, the future pace of reform in the CEE countries is uncertain and could affect the outlook for production and trade of beef. It is unclear to what extent governments will maintain support to livestock producers, how fast production will recover, or how quickly these countries will look to expand exports. Trade developments with the EU and Russia will also have a strong impact.

Table 33—Beef supply and use projections

						Const	umption	Ending
	Slaughter	Yield	Production	Imports	Exports	Total	Per cap	stocks
United Otaton	1,000 head	Kg/hd		1,000	0 tons		Kgs.	1,000 tons
United States 1992 1993 1994 1995 1996 1997 1993-97 avg. 1999 2000 2001 2002 2003 2004 2005	34,489 34,746 35,691 37,294 38,506 38,489 36,945 35,381 35,785 35,864 36,256 36,502 36,432 36,530	0.31 0.30 0.31 0.31 0.31 0.30 0.31 0.30 0.30	10,613 10,584 11,194 11,585 11,814 11,558 11,347 10,614 10,735 10,759 10,877 10,950 10,929 10,959	1,107 1,089 1,075 954 950 930 1,000 1,131 1,154 1,177 1,196 1,214 1,235 1,255	601 578 731 826 894 1,010 808 1,054 1,106 1,148 1,190 1,237 1,280 1,339	11,146 11,019 11,528 11,726 11,891 11,481 11,529 10,691 10,784 10,789 10,883 10,927 10,884 10,875	43.6 42.7 44.2 44.6 44.8 42.9 43.8 39.2 39.2 38.9 38.9 38.8 38.3 38.3	166 242 252 239 218 215 233 215 215 215 215 215 215 215
Argentina 1992 1993 1994 1995 1996 1997 1993-97 avg. 1999 2000 2001 2002 2003 2004 2005	11,900 12,100 12,400 12,300 12,500 12,000 12,260 12,024 11,782 11,891 12,171 12,457 12,555 12,389	0.21 0.21 0.21 0.21 0.20 0.21 0.21 0.21	2,520 2,550 2,600 2,600 2,550 2,500 2,560 2,515 2,467 2,493 2,554 2,617 2,640 2,607	16 2 3 6 4 2 3 0 0 0 0 0	296 280 376 513 450 480 420 475 473 482 490 506 516 527	2,232 2,273 2,230 2,088 2,105 2,025 2,144 2,041 1,995 2,011 2,063 2,110 2,124 2,081	67.3 67.8 65.8 60.9 60.7 57.8 62.6 57.0 55.1 55.0 55.8 56.5 56.3 54.6	25 24 21 26 25 22 24 26 25 26 27 28 28 27
Australia 1992 1993 1994 1995 1996 1997 1993-97 avg. 1999 2000 2001 2002 2003 2004 2005	8,480 8,357 8,332 7,917 8,040 8,285 8,186 8,588 8,458 8,458 8,457 8,393 8,397 8,447 8,479	0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.22	1,838 1,806 1,829 1,717 1,775 1,862 1,798 1,913 1,959 1,986 2,002 2,012 2,032 2,053	5 6 5 5 5 5 0 0 0 0	1,191 1,169 1,168 1,092 1,097 1,155 1,136 1,220 1,256 1,276 1,284 1,287 1,302 1,316	646 634 669 650 680 700 667 693 703 710 718 725 730	36.9 35.8 37.4 36.0 37.2 38.0 36.9 37.1 37.2 37.3 37.3 37.3	36 44 42 22 25 37 34 27 27 28 28 28 29
Brazil 1992 1993 1994 1995 1996 1997 1993-97 avg. 1999 2000 2001 2002 2003 2004 2005	24,400 25,200 24,300 24,021 25,008 26,197 24,945 25,379 25,694 25,978 26,967 27,993 29,114 30,084	0.18 0.19 0.20 0.20 0.20 0.19 0.20 0.20 0.20 0.20 0.20 0.20 0.20	4,420 4,545 4,550 4,750 4,960 5,150 4,791 5,081 5,149 5,211 5,415 5,627 5,858 6,059	114 48 117 127 100 80 94 97 95 95 97 99 100	434 392 358 269 315 360 339 347 363 370 376 382 393 403	4,080 4,201 4,309 4,648 4,745 4,870 4,555 4,832 4,881 4,936 5,135 5,343 5,564 5,756	26.4 26.8 27.1 28.9 29.2 29.6 28.3 28.8 28.8 28.9 29.8 30.7 31.7 32.5	50 50 50 10 10 10 26 11 11 11 12 13 13

Continued—

Table 33—Beef supply and use projections—cont'd

Slaughter   Yield   Production   Imports   Exports   Total   Per cap   stocks							Consumption		Endina
		Slaughter	Yield	Production	Imports	Exports	Total	Per cap	Ending stocks
1992		1,000 head	Kg/hd		1,000	0 tons		Kgs.	1,000 tons
1993 3,036 0,28 860 270 191 931 33.6 24 1994 3,083 0,29 903 286 220 962 34.1 31 1996 3,148 0,29 903 286 226 219 969 34.0 27 1996 3,600 0,28 1,025 235 260 995 34.5 27 1893,97 avg. 3,373 0,29 1967 2448 2449 38 191 34.2 30 1893,97 avg. 3,373 0,29 1967 2448 2449 38 191 34.2 30 1893,97 avg. 3,373 0,29 1962 247 248 249 248 249 38 191 34.2 30 1893,97 avg. 3,373 0,29 1962 247 248 249 248 249 249 249 249 249 249 249 249 249 249		2 220	0.00	000	004	150	060	25.0	16
1994 3.083 0.29 9.93 286 220 9.96 34.1 31 1996 31.48 0.29 9.98 256 219 9.99 34.0 27 1996 3.600 0.28 1.025 235 250 9.95 34.5 32 1997 74 0.000 0.28 1.120 200 310 1.012 34.8 30 1993-97 avg. 3.373 0.29 9.67 249 240 374 342 29 1999 34.5 200 200 310 1.012 34.8 30 1993-97 avg. 3.373 0.29 9.67 249 240 374 342 29 200 200 310 3.000									
1995									
1996									
1997									
1993-97 avg. 3,373									
1999									
2000									
2001									
2002 —— —— 1,222 167 327 1,062 34.8 31 2004 —— —— 1,234 163 330 1,067 34.6 32 2004 —— —— 1,244 160 333 1,071 34.5 32 2020    Central & Eastern Europe¹  1992									
2003									
2004	2003				163			34.6	32
Central & Eastern Europe¹  1992	2004				160	333	1,071	34.5	
1992	2005			1,255	157	336	1,076	34.4	32
1993									
1994				,					
1995         6,571         0.22         1,421         71         112         1,416         11.8         87           1996         6,707         0.22         1,454         93         118         1,440         12.0         78           1997         6,647         0.22         1,454         93         118         1,440         12.0         86           1993-97 avg.         7,363         0.21         1,582         74         121         1,566         13.0         108           1999         ——         ——         1,501         108         152         1,466         12.2         125           2000         ——         ——         1,510         112         155         1,466         12.2         125           2001         ——         ——         1,548         120         166         1,500         12.4         128           2002         ——         ——         1,570         124         181         1,551         12.5         129           2004         ——         ——         1,594         128         199         1,522         12.5         131           2005         —         —         1,623         132									
1996         6,707         0.22         1,470         65         122         1,443         12.0         78           1997         6,647         0.22         1,454         93         118         1,440         12.0         86           1993            1,501         108         152         1,455         12.1         124           2000           1,501         112         155         1,466         12.2         125           2001           1,510         112         155         1,466         12.2         125           2001           1,522         118         155         1,466         12.2         125           2001           1,570         124         181         1,511         12.5         129           2003           1,594         128         199         1,525         12.5         129           2004           1,594         128         199         1,525         12.5         133           EU-15         1,843         472         1,235									
1997         6,647         0.22         1,454         93         118         1,440         12.0         86           1993-97 avg.         7,363         0.21         1,582         74         121         1,565         13.0         108           1999         ——         ——         1,510         108         152         1,485         12.1         124           2000         ——         ——         1,510         112         1555         1,486         12.2         125           2001         ——         ——         1,522         118         155         1,484         12.3         126           2002         ——         ——         1,570         124         181         1,551         12.9           2004         ——         ——         1,594         128         199         1,522         12.5         131           2004         ——         ——         1,623         132         219         1,535         12.6         133           2004         ——         ——         1,623         132         219         1,535         12.6         133           2004         —         ——         1,623         132         219									
1993-97 avg.         7,363         0.21         1,582         74         121         1,566         13.0         108           1999         ——         ——         1,510         112         155         1,465         12.1         124           2000         ——         ——         1,510         112         155         1,466         12.2         125           2001         ——         ——         1,522         118         155         1,466         12.2         125           2002         ——         ——         1,570         124         181         1,511         12.5         129           2003         ——         ——         1,570         124         181         1,511         12.5         129           2004         ——         ——         1,623         132         219         1,535         12.6         133           EU-15           192         32,799         0.27         8,843         472         1,235         7,908         21.5         1,296           1993         29,997         0.27         8,149         426         1,211         7,813         21.1         937           1994 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
1999									
2000         ——         ——         1,510         112         155         1,466         12.2         125           2001         ——         ——         1,522         118         155         1,484         12.3         126           2002         ——         ——         1,548         120         166         1,500         12.4         128           2003         ——         ——         1,570         124         181         1,511         12.5         129           2004         ——         ——         1,623         132         219         1,535         12.6         133           EU-15           1992         32,799         0.27         8,843         472         1,235         7,908         21.5         1,296           1993         29,997         0.27         8,843         472         1,235         7,908         21.5         1,296           1993         29,997         0.27         8,843         472         1,235         7,908         21.5         1,296           1993         29,997         0.27         7,857         426         1,096         7,603         20.5         521           1994         2		· ·							
2001         ——         ——         1,528         118         155         1,484         12.3         126           2002         ——         ——         1,570         124         181         1,500         12.4         128           2003         ——         ——         1,570         124         181         1,511         12.5         129           2004         ——         ——         1,584         128         199         1,522         12.5         131           2004         ——         ——         1,623         132         219         1,535         12.6         133           EU-15           1992         32,799         0.27         8,843         472         1,235         7,908         21.5         1,296           1993         29,97         0.27         7,857         426         1,096         7,603         20.5         521           1994         26,706         0.28         7,846         374         923         7,409         19.9         404           1996         26,258         0.28         7,316         375         578         6,465         17.3         1,052           1997         26,520 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
2002         ——         ——         1,548         120         166         1,500         12.4         128           2003         ——         ——         1,570         124         181         1,511         12.5         129           2004         ——         ——         1,594         128         199         1,522         12.5         131           2005         ——         ——         1,623         132         219         1,535         12.6         133           EU-15           **** Use ***									
2003         ——         ——         1,570         124         181         1,511         12.5         129           2004         ——         1,594         128         199         1,525         12.6         133           EU-15           1992         32,799         0.27         8,843         472         1,235         7,908         21.5         1,296           1993         29,997         0.27         7,857         426         1,121         7,803         20.5         521           1994         28,706         0.27         7,857         426         1,096         7,603         20.5         521           1995         28,316         0.28         7,846         374         923         7,409         19.9         404           1996         26,520         0.28         7,316         375         578         6,465         17.3         1,052           1997         26,520         0.28         7,718         393         879         7,221         19.4         861           1999         27,959         0.28         7,718         393         879         7,221         19.4         861           1999         25,620<									
2004         —         —         1,594         128         199         1,522         12.5         131           2005         —         —         1,623         132         219         1,535         12.6         133           EU-15           1992         32,799         0.27         8,843         472         1,235         7,908         21.5         1,296           1993         29,997         0.27         7,857         426         1,096         7,603         20.5         521           1994         28,706         0.28         7,846         374         923         7,409         19.9         404           1996         26,258         0.28         7,316         375         578         6,465         17.3         1,052           1997         26,520         0.28         7,416         375         578         6,465         17.3         1,052           1997         26,520         0.28         7,718         393         879         7,221         19.4         851           1999         —         —         —         6,763         350         877         6,480         17.1         1,161			<del></del>						
EU-15         Section 1         Color of the color of t									
1992         32,799         0.27         8,843         472         1,235         7,908         21.5         1,296           1993         29,997         0.27         8,149         426         1,121         7,813         21.1         937           1994         28,706         0.27         7,857         426         1,096         7,603         20.5         521           1995         28,316         0.28         7,846         374         923         7,409         19.9         404           1996         26,525         0.28         7,316         375         578         6,465         17.3         1,052           1997         26,520         0.28         7,421         364         677         6,817         18.1         1,343           1999         —         —         6,763         350         877         6,480         17.1         1,161           2000         —         —         6,763         350         817         6,285         16.5         1,51           2001         —         —         6,719         350         817         6,108         16.0         1,295           2002         —         —         6,318 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
1993         29,997         0.27         8,149         426         1,121         7,813         21,1         937           1994         28,706         0.27         7,857         426         1,096         7,603         20.5         521           1995         28,316         0.28         7,846         374         923         7,409         19.9         404           1996         26,528         0.28         7,316         375         578         6,465         17.3         1,052           1997         26,520         0.28         7,421         364         677         6,817         18.1         1,343           1993-97 avg.         27,959         0.28         7,718         393         879         7,221         19.4         851           1999         ——         ——         6,763         350         877         6,480         17.1         1,161           2000         ——         ——         6,722         350         817         6,265         16.5         1,151           2001         ——         ——         6,719         350         817         6,08         16.0         1,295           2002         ——         ——	EU-15								
1993         29,997         0.27         8,149         426         1,121         7,813         21,1         937           1994         28,706         0.27         7,857         426         1,096         7,603         20.5         521           1995         28,316         0.28         7,846         374         923         7,409         19.9         404           1996         26,528         0.28         7,316         375         578         6,465         17.3         1,052           1997         26,520         0.28         7,421         364         677         6,817         18.1         1,343           1993-97 avg.         27,959         0.28         7,718         393         879         7,221         19.4         851           1999         ——         ——         6,763         350         877         6,480         17.1         1,161           2000         ——         ——         6,722         350         817         6,265         16.5         1,151           2001         ——         ——         6,719         350         817         6,08         16.0         1,295           2002         ——         ——	1992	32,799	0.27	8,843	472	1,235	7,908	21.5	1,296
1994         28,706         0.27         7,857         426         1,096         7,603         20.5         521           1995         28,316         0.28         7,846         374         923         7,409         19.9         404           1996         26,258         0.28         7,316         375         578         6,465         17.3         1,052           1997         26,620         0.28         7,421         364         677         6,817         18.1         1,343           1993-97 avg.         27,959         0.28         7,718         393         879         7,221         19.4         851           2000         —         —         —         6,763         350         877         6,480         17.1         1,161           2000         —         —         —         6,722         350         817         6,265         16.5         1,151           2001         —         —         —         6,719         350         817         6,108         16.0         1,295           2002         —         —         —         6,318         350         817         5,983         15.6         1,171				,					
1995         28,316         0.28         7,846         374         923         7,409         19.9         404           1996         26,528         0.28         7,316         375         578         6,465         17.3         1,052           1997         26,520         0.28         7,421         364         677         6,817         18.1         1,343           1993-97 avg.         27,959         0.28         7,718         393         879         7,221         19.4         851           1999         ——         —         6,763         350         877         6,480         17.1         1,161           2000         —         —         6,719         350         817         6,108         16.0         1,295           2002         —         —         6,495         350         817         6,020         15.8         1,303           2003         —         —         6,318         350         817         5,983         15.6         1,171           2004         —         —         6,366         350         817         5,881         15.3         1,210           2005         —         —         6,366									
1996         26,258         0.28         7,316         375         578         6,465         17.3         1,052           1997         26,520         0.28         7,421         364         677         6,817         18.1         1,343           1993-97 avg.         27,959         0.28         7,718         393         879         7,221         194         851           1999         —         —         6,763         350         877         6,480         17.1         1,161           2000         —         —         6,722         350         817         6,265         16.5         1,151           2001         —         —         6,719         350         817         6,08         16.0         1,295           2002         —         —         6,495         350         817         5,983         15.6         1,171           2003         —         —         6,387         350         817         5,881         15.3         1,210           Former Soviet Union2           1992         41,624         0.18         7,338         734         722         7,350         25.2         0           1993									
1997         26,520         0.28         7,421         364         677         6,817         18.1         1,343           1993-97 avg.         27,959         0.28         7,718         393         879         7,221         19.4         851           1999         ——         ——         6,763         350         877         6,480         17.1         1,161           2000         ——         ——         6,722         350         817         6,265         16.5         1,151           2001         ——         ——         6,719         350         817         6,020         15.8         1,303           2002         ——         ——         6,495         350         817         6,020         15.8         1,303           2003         ——         ——         6,318         350         817         5,983         15.6         1,171           2004         ——         ——         6,366         350         817         5,881         15.3         1,210           Former Soviet Union²           **         **         **         **         7,350         25.2         0           1992         41,624					375				1,052
1999         ——         6,763         350         877         6,480         17.1         1,161           2000         ——         ——         6,722         350         817         6,265         16.5         1,151           2001         ——         ——         6,719         350         817         6,108         16.0         1,295           2002         ——         ——         6,495         350         817         6,020         15.8         1,303           2003         ——         ——         6,318         350         817         5,983         15.6         1,171           2004         ——         ——         6,366         350         817         5,881         15.3         1,210           Former Soviet Union2           1992         41,624         0.18         7,338         734         722         7,350         25.2         0           1993         33,791         0.17         5,861         409         565         5,705         19.5         0           1994         34,182         0.16         5,554         542         452         5,644         19.3         0           1995         28,081	1997		0.28	7,421	364	677	6,817	18.1	1,343
2000         ——         ——         6,722         350         817         6,265         16.5         1,151           2001         ——         ——         6,719         350         817         6,108         16.0         1,295           2002         ——         ——         6,495         350         817         6,020         15.8         1,303           2003         ——         ——         6,318         350         817         5,983         15.6         1,171           2004         ——         ——         6,366         350         817         5,881         15.3         1,210           2005         ——         ——         6,366         350         817         5,881         15.3         1,210           2005         ——         ——         6,366         350         817         5,881         15.3         1,210           2005         ——         ——         6,366         350         817         5,881         15.3         1,210           2005         —         —         6,366         350         817         5,881         15.3         1,210           2005         —         —         0.18         7,338	1993-97 avg.	27,959	0.28	7,718	393	879	7,221	19.4	851
2001         ——         ——         6,719         350         817         6,108         16.0         1,295           2002         ——         ——         6,495         350         817         6,020         15.8         1,303           2003         ——         ——         6,318         350         817         5,983         15.6         1,171           2004         ——         ——         6,366         350         817         5,881         15.3         1,216           Former Soviet Union²           1992         41,624         0.18         7,338         734         722         7,350         25.2         0           1994         34,182         0.16         5,554         542         452         5,644         19.3         0           1995         28,081         0.16         4,505         614         222         4,897         16.7         0           1996         25,463         0.16         4,909         612         207         4,495         15.4         0           1997 20,290         0.18         3,725         627         192         4,160         14.2         0           1999         ——	1999			6,763	350	877	6,480	17.1	1,161
2002         ——         ——         6,495         350         817         6,020         15.8         1,303           2003         ——         ——         6,318         350         817         5,983         15.6         1,171           2004         ——         ——         6,387         350         817         5,881         15.3         1,210           Former Soviet Union²           **           1992         41,624         0.18         7,338         734         722         7,350         25.2         0           1993         33,791         0.17         5,861         409         565         5,705         19.5         0           1994         34,182         0.16         5,554         542         452         5,644         19.3         0           1995         28,081         0.16         4,505         614         222         4,897         16.7         0           1997         20,290         0.18         3,725         627         192         4,160         14.2         0           1993-97 avg.         28,361         0.17         4,747         561         328         4,980         17.0	2000			6,722	350	817	6,265	16.5	1,151
2003         ——         ——         6,318         350         817         5,983         15.6         1,171           2004         ——         ——         6,387         350         817         5,881         15.3         1,210           2005         ——         ——         6,366         350         817         5,893         15.3         1,210           Former Soviet Union²           1992         41,624         0.18         7,338         734         722         7,350         25.2         0           1993         33,791         0.17         5,861         409         565         5,705         19.5         0           1994         34,182         0.16         5,554         542         452         5,644         19.3         0           1995         28,081         0.16         4,505         614         222         4,897         16.7         0           1996         25,463         0.16         4,090         612         207         4,495         15.4         0           1993-97 avg.         28,361         0.17         4,747         561         328         4,980         17.0         0           2000 <td>2001</td> <td></td> <td></td> <td>6,719</td> <td>350</td> <td>817</td> <td>6,108</td> <td>16.0</td> <td>1,295</td>	2001			6,719	350	817	6,108	16.0	1,295
2004         ——         ——         6,387         350         817         5,881         15.3         1,210           Former Soviet Union²           1992         41,624         0.18         7,338         734         722         7,350         25.2         0           1993         33,791         0.17         5,861         409         565         5,705         19.5         0           1994         34,182         0.16         5,554         542         452         5,644         19.3         0           1995         28,081         0.16         4,505         614         222         4,897         16.7         0           1997         20,290         0.18         3,725         627         192         4,160         14.2         0           1993-97 avg.         28,361         0.17         4,747         561         328         4,980         17.0         0           1999         ——         ——         4,937         585         318         5,204         17.7         0           2000         ——         ——         5,018         597         329         5,286         17.9         0           2001	2002			6,495	350	817	6,020	15.8	1,303
Former Soviet Union <sup>2</sup> 1992									
Former Soviet Union <sup>2</sup> 1992								15.3 15.3	1,210 1,216
1992     41,624     0.18     7,338     734     722     7,350     25.2     0       1993     33,791     0.17     5,861     409     565     5,705     19.5     0       1994     34,182     0.16     5,554     542     452     5,644     19.3     0       1995     28,081     0.16     4,505     614     222     4,897     16.7     0       1996     25,463     0.16     4,090     612     207     4,495     15.4     0       1997     20,290     0.18     3,725     627     192     4,160     14.2     0       1993-97 avg.     28,361     0.17     4,747     561     328     4,980     17.0     0       1999     —     —     4,937     585     318     5,204     17.7     0       2000     —     —     5,018     597     329     5,286     17.9     0       2001     —     —     5,084     553     259     5,378     18.2     0       2002     —     —     5,153     720     391     5,482     18.4     0       2003     —     —     5,249     752     413     5,588     <				0,000		0	0,000		.,
1993     33,791     0.17     5,861     409     565     5,705     19.5     0       1994     34,182     0.16     5,554     542     452     5,644     19.3     0       1995     28,081     0.16     4,505     614     222     4,897     16.7     0       1996     25,463     0.16     4,090     612     207     4,495     15.4     0       1997     20,290     0.18     3,725     627     192     4,160     14.2     0       1993-97 avg.     28,361     0.17     4,747     561     328     4,980     17.0     0       1999     —     —     4,937     585     318     5,204     17.7     0       2000     —     —     5,018     597     329     5,286     17.9     0       2001     —     —     5,084     553     259     5,378     18.2     0       2002     —     —     5,153     720     391     5,482     18.4     0       2003     —     —     5,338     763     436     5,665     18.9     0			0.40	7 000	704	700	7.050	25.0	0
1994     34,182     0.16     5,554     542     452     5,644     19.3     0       1995     28,081     0.16     4,505     614     222     4,897     16.7     0       1996     25,463     0.16     4,090     612     207     4,495     15.4     0       1997     20,290     0.18     3,725     627     192     4,160     14.2     0       1993-97 avg.     28,361     0.17     4,747     561     328     4,980     17.0     0       1999     ——     ——     4,937     585     318     5,204     17.7     0       2000     ——     ——     5,018     597     329     5,286     17.9     0       2001     ——     ——     5,084     553     259     5,378     18.2     0       2002     ——     ——     5,153     720     391     5,482     18.4     0       2003     ——     ——     5,249     752     413     5,588     18.7     0       2004     ——     —     5,338     763     436     5,665     18.9     0									
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						202			
1996     25,463     0.16     4,090     612     207     4,495     15.4     0       1997     20,290     0.18     3,725     627     192     4,160     14.2     0       1993-97 avg.     28,361     0.17     4,747     561     328     4,980     17.0     0       1999     —     —     4,937     585     318     5,204     17.7     0       2000     —     —     5,018     597     329     5,286     17.9     0       2001     —     —     5,084     553     259     5,378     18.2     0       2002     —     —     5,153     720     391     5,482     18.4     0       2003     —     —     5,249     752     413     5,588     18.7     0       2004     —     —     5,338     763     436     5,665     18.9     0						45Z			
1997     20,290     0.18     3,725     627     192     4,160     14.2     0       1993-97 avg.     28,361     0.17     4,747     561     328     4,980     17.0     0       1999     ——     ——     4,937     585     318     5,204     17.7     0       2000     ——     ——     5,018     597     329     5,286     17.9     0       2001     ——     ——     5,084     553     259     5,378     18.2     0       2002     ——     ——     5,153     720     391     5,482     18.4     0       2003     ——     ——     5,249     752     413     5,588     18.7     0       2004     ——     ——     5,338     763     436     5,665     18.9     0									
1993-97 avg.     28,361     0.17     4,747     561     328     4,980     17.0     0       1999     ——     ——     4,937     585     318     5,204     17.7     0       2000     ——     ——     5,018     597     329     5,286     17.9     0       2001     ——     ——     5,084     553     259     5,378     18.2     0       2002     ——     ——     5,153     720     391     5,482     18.4     0       2003     ——     ——     5,249     752     413     5,588     18.7     0       2004     ——     —     5,338     763     436     5,665     18.9     0									
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2001     —     —     5,084     553     259     5,378     18.2     0       2002     —     —     5,153     720     391     5,482     18.4     0       2003     —     —     5,249     752     413     5,588     18.7     0       2004     —     —     5,338     763     436     5,665     18.9     0									
2002     —     —     5,153     720     391     5,482     18.4     0       2003     —     —     5,249     752     413     5,588     18.7     0       2004     —     —     5,338     763     436     5,665     18.9     0									
2003     ——     ——     5,249     752     413     5,588     18.7     0       2004     ——     ——     5,338     763     436     5,665     18.9     0									
2004 —— —— 5,338 763 436 5,665 18.9 0									
							5,566 5,665		
ZUID —— 3444 //II 463 5/51 101 II	2004			5,444	763 770	463	5,751	19.1	0
2000 0,707 170 400 0,701 19.1 0	2000	_	_	0,444	770	400	5,751	13.1	U

Continued—

Table 33—Beef supply and use projections—cont'd

Hungary	Slaughter	Yield	Donald C					Ending
Hungary		11010	Production	Imports	Exports	Total	Per cap	stocks
Hungary	1,000 head	Kg/hd		1,000	) tons		Kgs.	1,000 tons
1992	476	0.21	100	1	40	70	6.8	33
1993	261	0.36	95	3	40	70	6.9	21
1994	0	0.00	100	3	40	70	6.9	14
1995	0	0.00	100	3	40	70	6.9	7
1996	Ö	0.00	100	3	40	70	7.0	0
1997	0	0.00	105	14	37	72	7.2	10
1993-97 avg.			100	5	39	70	7.0	10
1999			115	14	51	77	7.8	21
2000			115	14	50	79	8.0	21
2001			113	14	46	81	8.3	21
2002			112	14	43	83	8.5	21
2003		——	112	14	42	84	8.7	21
2004			112	14	40	86	8.9	21
2005			113	14	39	88	9.1	21
Japan	4.404	0.40	500	504		4.400	2.0	00
1992	1,491	0.40	592	591	1	1,190	9.6	98
1993	1,511	0.39	593	731	0	1,302	10.5	120
1994	1,537	0.39	602	842	0	1,446	11.6	118
1995	1,505	0.40	601	927	0	1,518	12.1	128
1996	1,460	0.40	585 570	957	0	1,540	12.3	130
1997	1,430	0.40	570 500	985	0	1,565	12.5	120
1993-97 avg. 1999	1,489 — —	0.40	590 575	888 1,075	0 0	1,474 1,647	11.8 13.1	123 126
2000			575 577	1,073	0	1,668	13.1	120
2000			576	1,118	0	1,692	13.4	127
2002			574	1,141	0	1,713	13.4	130
2002			574 571	1,166	0	1,735	13.6	132
2004			569	1,188	0	1,755	13.8	134
2005			567	1,211	0	1,777	13.9	135
Mexico								
1992	7,770	0.21	1,660	130	1	1,789	20.2	0
1993	7,870	0.22	1,710	96	1	1,805	20.0	0
1994	8,310	0.22	1,810	90	1	1,899	20.6	0
1995	8,550	0.22	1,850	42	2	1,890	20.1	0
1996	8,180	0.22	1,800	75	2	1,873	19.6	0
1997	8,200	0.22	1,800	110	3	1,907	19.5	0
1993-97 avg.	8,222	0.22	1,794	83	2	1,875	20.0	0
1999	8,205	0.22	1,840	185	4	2,021	20.0	0
2000	8,434	0.23	1,902	215	5	2,112	20.5	0
2001	8,820	0.23	1,999	220	6	2,214	21.1	0
2002	9,188	0.23	2,094	228	6	2,316	21.8	0
2003	9,519	0.23	2,181	237	7	2,411	22.3	0
2004 2005	9,828 10,070	0.23 0.23	2,263 2,331	244 267	7 7	2,500 2,591	22.7 23.2	0 0
New Zealand								
1992	2,816	0.18	518	1	426	96	28.4	24
1993	3,060	0.10	575	3	448	98	28.6	56
1994	2,945	0.19	566	3	466	98	28.3	61
1995	3,565	0.18	630	3 2	504	100	28.5	89
1996	3,758	0.16	616	3	505	107	30.2	96
1997	3,655	0.16	587	3 2	490	107	29.8	88
1993-97 avg.	3,397	0.18	595	3	483	102	29.1	78
1999	3,681	0.16	607	0	499	109	29.7	88
2000	3,655	0.16	603	0	494	109	29.8	88
2001	3,665	0.17	605	0	490	115	30.1	88
2002	3,676	0.16	607	0	490	117	30.4	88
2003	3,677	0.17	607	0	490	117	30.6	88
2004	3,665	0.16	605	0	490	115	30.7	88
2005	3,647	0.17	602	0	489	113	30.8	88

Continued—

Table 33—Beef supply and use projections—cont'd

					Consi	Ending		
	Slaughter	Yield	Production	Imports	Exports	Total	Per cap	Ending stocks
Deland	1,000 head	Kg/hd		1,000	) tons		Kgs.	1,000 tons
<b>Poland</b> 1992 1993 1994	3,699 3,640 3,249	0.17 0.13 0.12	634 462 405	34 28 18	20 16 14	658 474 409	17.2 12.3 10.6	10 10 10
1995 1996	2,817 2,870	0.14 0.14	400 408	8 15	17 18	393 407	10.2 10.5	8 6
1997 1993-97 avg.	2,870 3,089	0.14 0.14	415 418	20 18	19 17	416 420	10.8 10.9	6 8
1999	— — — —	—— ——	446	15	32	429	11.0	5
2000 2001			453 459	16 18	33 32	436 444	11.2 11.3	5 5
2002 2003			470 480	18 18	36 39	452 459	11.5 11.6	5 5
2004 2005			494 511	18 18	45 52	467 477	11.8 12.0	6
Russia			311	10	52	4//	12.0	0
1992	20,138	0.18	3,632	494	4	4,122	27.7	0
1993 1994	19,678 19,771	0.17 0.16	3,380 3,071	407 541	2 4	3,785 3,608	25.5 24.3	0 0
1995 1996	17,292 15,878	0.16 0.17	2,801 2,633	612 610	3 2	3,410 3,241	23.0 21.9	0 0
1997	14,600	0.16	2,400	625	2	3,023	20.4	0
1993-97 avg. 1999	17,444 — —	0.16 — —	2,857 2,369	559 495	3 0	3,413 2,864	23.0 19.4	0 0
2000 2001			2,392 2,410	507 553	0 0	2,899 2,963	19.6 20.0	0 0
2002			2,430	610	0	3,040	20.5	0
2003 2004			2,466 2,501	642 653	0 0	3,108 3,154	20.9 21.2	0 0
2005			2,545	660	0	3,205	21.5	0
South Korea 1992	537	0.26	137	183	0	313	7.2	31
1993	687	0.26	176	132	0	317	7.3	22
1994 1995	778 780	0.26 0.27	200 214	165 194	0 0	372 416	8.4 9.3	15 7
1996	850	0.27	233	218	0	454 405	10.1	4
1997 1993-97 avg.	933 806	0.27 0.27	256 216	240 190	0 0	495 411	10.9 9.2	5 11
1999 2000	976 1,063	0.26 0.25	255 263	333 362	0 0	588 625	12.7 13.3	10 11
2001	1,059	0.25	267	394	0	660	13.9	11
2002 2003	1,063 1,066	0.26 0.26	271 277	423 454	0 0	694 730	14.5 15.1	12 12
2004 2005	1,068 1,071	0.26 0.27	281 285	483 512	0	763 797	15.7 16.2	13 13
Ukraine	1,011							
1992	9,845	0.17	1,654	0	286	1,368	26.5	0
1993 1994	7,895 8,216	0.17 0.17	1,379 1,421	0 0	253 179	1,126 1,242	21.8 24.2	0 0
1995	7,124 6,200	0.16	1,158	0	176 170	982	19.2	0 0
1996 1997	6,200 5,690	0.16 0.17	1,007 940	0	170 160	837 780	16.5 15.4	0
1993-97 avg. 1999	7,025 — —	0.17	1,181 941	0 0	188 167	993 774	19.4 15.4	0 0
2000			975	0	180	795	15.8	0
2001 2002			1,000 1,030	0 0	195 209	805 821	16.0 16.3	0 0
2003			1,059	0	222	837	16.7	0
2004 2005			1,088 1,120	0 0	234 247	854 873	17.0 17.4	0 0
	ch Panublic Slovakia k		•					

<sup>&</sup>lt;sup>1</sup>Includes the Czech Republic, Slovakia, Hungary, Poland, and Other Central and Eastern Europe (Albania, Bulgaria, Romania and the former Yugoslavia). <sup>2</sup>Includes Russia, Ukraine and the other republics of the Former Soviet Union.